

## Abstract

**Titel:** Performance assumptions of female pole vaulters

**Goals:** The aim of this thesis is organization acquired information from inland and foreign literature about the structure of sport performance in pole vault and analyzing the performance assumptions of the junior world champion 2018 in this event.

**Method:** Informations were collected from books, articles & researches, from bachelor and master theses and training diaries. All results were recorded in charts and graphs. In this thesis was used method of description, research and comparsion.

**Results:** It was found that, Amálie Švábíková has the perfect performance assumptions for the pole vault. She is tall and light-weight, which are ideal indicator of elite athletes in this event. She is very well prepared at the fitness page, which confirm results from the motor tests, specific tests and run-up velocity results. She has a gradual increase in performance. If no injury happens during the preparation, we can expect a high bars clearance from this athlete.

**Key words:** athletics, pole vault, women, technique, fitness